

Warm-Up Exercises

For use before Lesson 8.5, pages 412–417

Find the y-intercept of the graph of the equation.

1. $y = -5x - 12$

2. $y = 17x + 9$

3. $y = 10x - 8$

4. $y = -6x + 3$

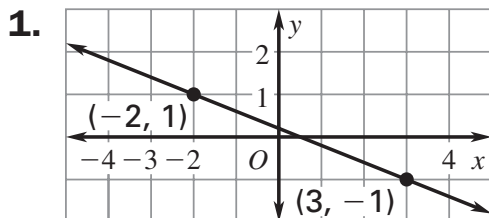
Find the slope of the line passing through the points.

5. $(-4, 7), (5, 3)$

6. $(2, 9), (6, 15)$

Daily Homework Quiz

For use after Lesson 8.4, pages 403–409

Tell whether the slope of the line is *positive*, *negative*, *zero*, or *undefined*. Then find the slope if it is defined.

2. line through $(0, 10)$ and $(1, 6)$

3. line through $(0, 6)$ and $(2, 6)$

4. **Challenge** Without graphing, choose a point A so that the slope of the line through $(2, 1)$ and A is $\frac{4}{3}$.

ANSWERS

Warm-Ups: 1. -12 2. 9 3. -8 4. 3 5. $-\frac{4}{9}$ 6. $\frac{3}{2}$

Daily Homework Quiz: 1. negative, $-\frac{2}{5}$ 2. negative, -4

3. zero, 0 4. Sample answer: $(5, 5)$